SKYDAS
SECURITY DOORS



BEAUTIFUL SECURITY FOR YOUR HOME

2013

www.door.lt



PLIENINIS SKYDAS JSC – your reliable partner

- Only newest computerized technology is used in the production process
- The doors are tested only in the reliable testing laboratories (Ift Rosenheim in Germany; Inspecta Estonia OU; KTU in Lithuania)
- Over 10 years of experience and highly qualified personnel
- Our patented scientific inventions are used in the production process
- Successful participation in the trendsetting trade fairs, seminars and conferences
- Worldwide branches and trading partners in more than 18 countries in the world
- Expedite warranty service





A new standard of burglar resistance EN 1627:2011 took force in Europe – more security for your premises

A new classification of reinforced doors based on burglar resistance took force in Europe. A new standard EN 1627:2011 (security classes RC) replaced the old one that was in action since 1999. The old standard (security classes WK) required only one point of the door to be tested for burglar resistance during the test. A tester was free to decide which point to test. The new standard requires testing all the surface of the door, point by point, every 10 - 20 cm. That significantly increased duration of the test. According to the old requirements it was enough to test one point of the door for 10min. and the door was granted security class WK4. Now multiple points of the door have to withstand 10min. each to get security class 4 (RC4). Our door SKYDAS PREMIUM was tested for 77min. and the door withstood!

Some other modifications were also made in this new standard: new break-in tools were added in testing process, the strength of an impact was increased, higher requirements for the locks introduced, etc.

SKYDAS doors were successfully tested and approved by this new standard EN 1627:2011. The tests were performed in a notified laboratories.

Security class RC	Burglary type	Use	SKYDAS door model
1	Basic protection against burglary by the use of physical force	Premises without increased risk of burglary	-
2	Burglar uses basic burglary tools	Increased protection for normal housing security	Skydas Standart 2
3	Experienced burglar uses heavy duty drilling and hammering tools	High level of security for the premises in view of increased risk of burglary	Skydas Standart 3
4	Experienced burglar additionally uses electric saws and power drilling tools	Extra high level of housing protection in view of high risk of burglary	Skydas Premium
5	Experienced burglar additionally uses power cutting and heavy duty drilling tools	Extremely high protection for military and industrial premises. Minimum door weight - 300 kg	-
6	Experienced burglar additionally uses power cutting and heavy duty drilling tools	Extremely high protection for military bunkers, etc. Minimum door weight - 500 kg	-







APARTMENT DOORS

Decoration panels for the apartment doors are usually made of MDF panel (12mm of thickness) laminated by the PVC film. Advanced technology allows us to produce high quality durable finishing. Wide range of colours, shades and designs is available. You will definitely find what you need!













ENTRANCE DOORS

For the finish of entrance doors we use certified Belgian fiberboard UMIDAX HLS (12mm of thickness). High quality paint does not fade even after many years.

















ENTRANCE DOORS

We introduce new finishing for the outside doors – Water Resistant Board (WRB) made of natural hardwood veneers (okoume). This type of plywood is designed to withstand the most severe outside conditions. It's wood texture gives the luxury look to your door and does not limit your design ideas.

NEW











DOORS WITH NATURAL FINISH

Natural oak, ash, pine-tree or various veneers can be used for the finish.

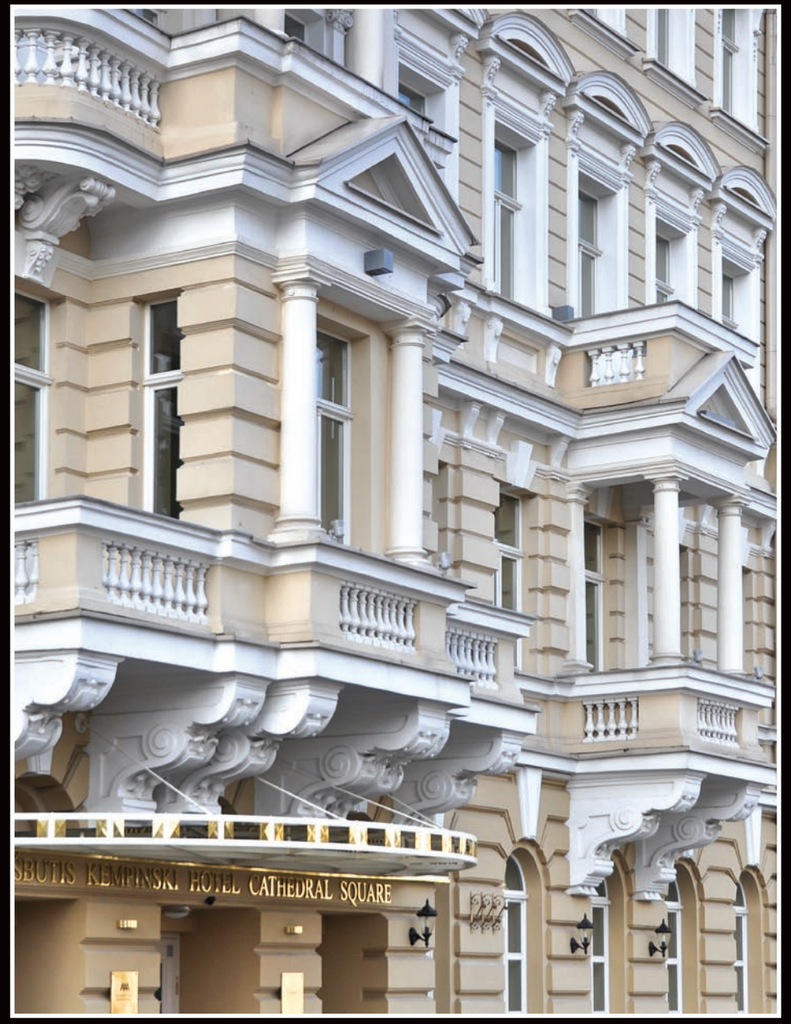






BESPOKE MADE DOORS

Doors define the character of the building. SKYDAS doors are suitable for all commercial and retail environments, providing the ultimate security solution whilst retaining the character and charm of their surroundings.











ENTRANCE DOORS

Choose any colour and design inside and outside. That gives you the freedom to match the design of the door both with the interior and exterior.







ENTRANCE DOORS

Various colours and accessories are available to create your desired style.





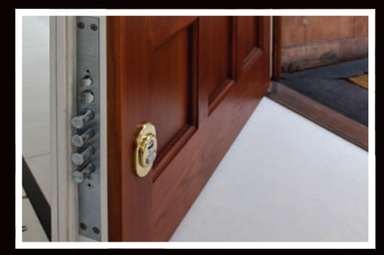
SKYDAS door in the embassy of Angola in London



GLASS – CASE DOORS

To ensure the thermal insulation of your house glazing of two chambers is used in our doors SKYDAS and three chambers in SKYDAS 2000. Even having a large glazing door SKYDAS remains secure. Security or even bulletproof glass can be used for extra safety.





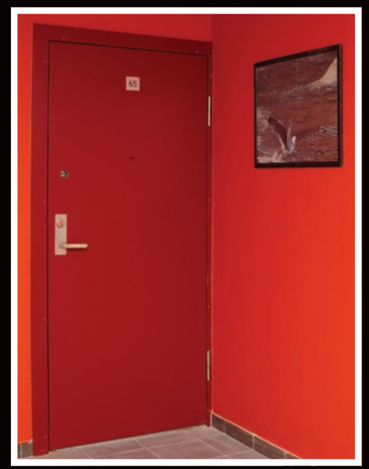


APARTMENT DOORS

Thoughtful, sophisticated styling and attention to detail ensures a seamless match for the internal architecture of apartment homes.







APARTMENT DOORS

SKYDAS installs the doors for residential and commercial properties across the Europe. We have proven to be a reliable partner to construction companies, architects and property developers.





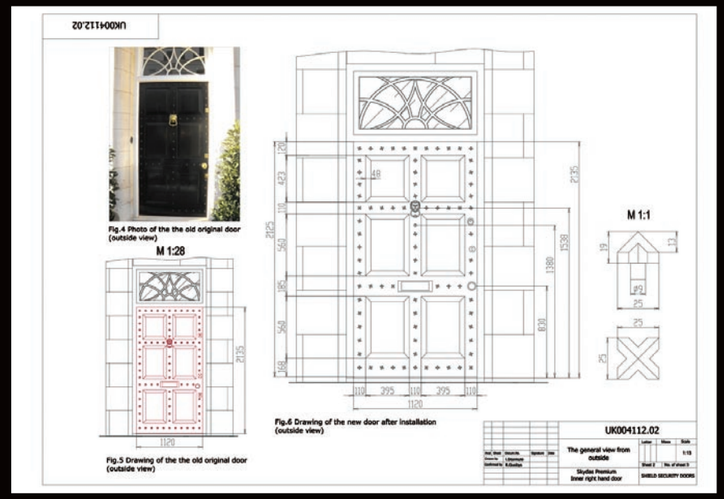






DOORS BY PICTURE

Saving authenticity is essential for the buildings of architectural inheritance.



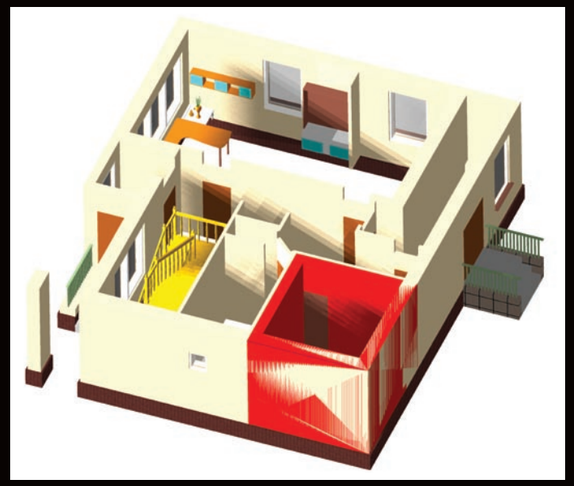




PANIC ROOMS

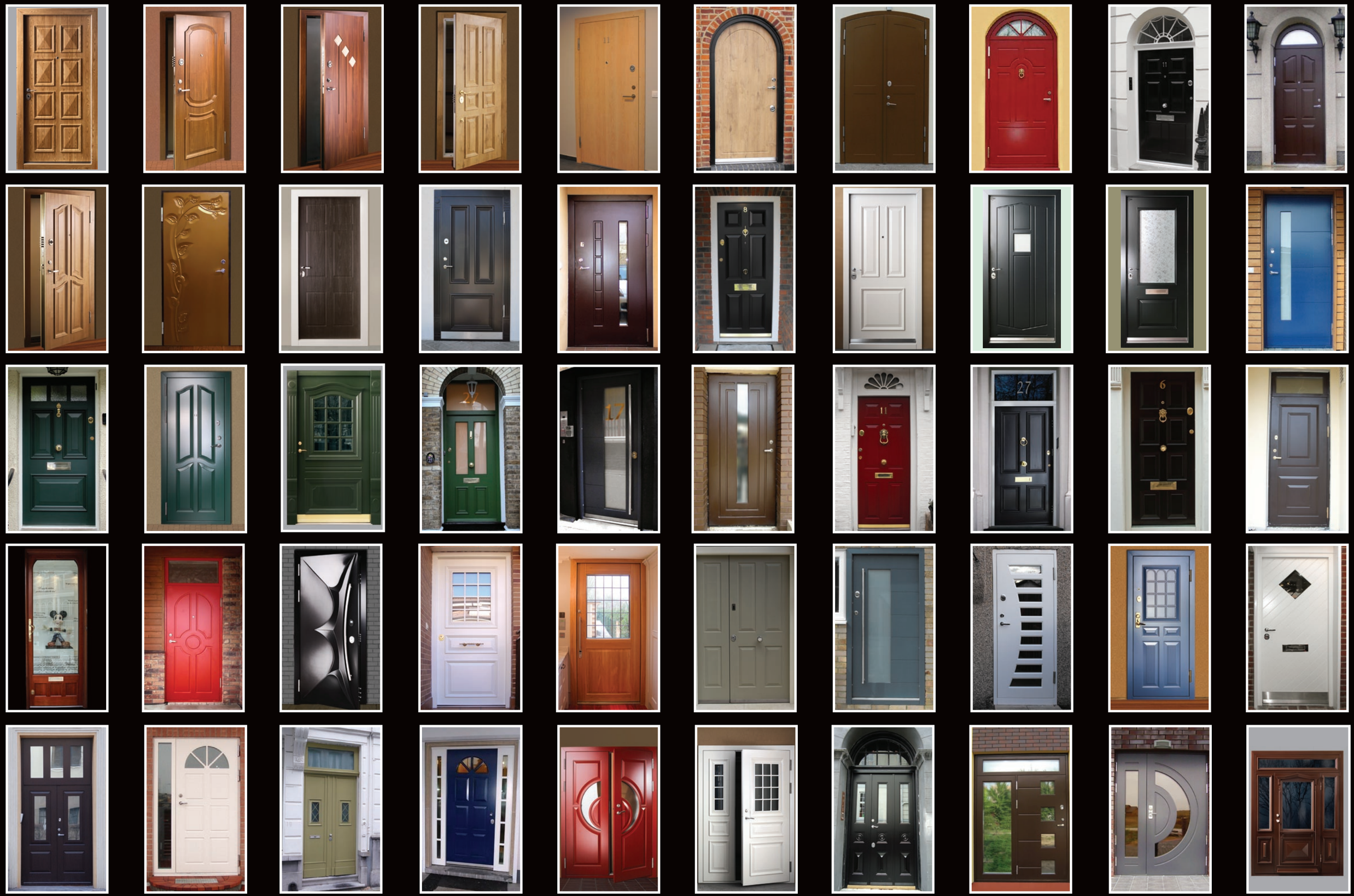
Panic, or safe rooms, are there to provide an ultra-safe location inside your home, where you or your family can retreat during a robbery or other threat. Think of a panic room as a vault for your most valuable asset, your family. Your bathroom, bedroom, home office can be turned into a panic room or it can be constructed in especially dedicated area. Door SKYDAS can be designed to match other internal doors in your house, but their unique construction will keep the burglars away.
At SKYDAS we consider it our job to reassure and protect, rather than frighten. Although it's called a panic room, remember that the purpose is not for you to panic, but for you to be safe.

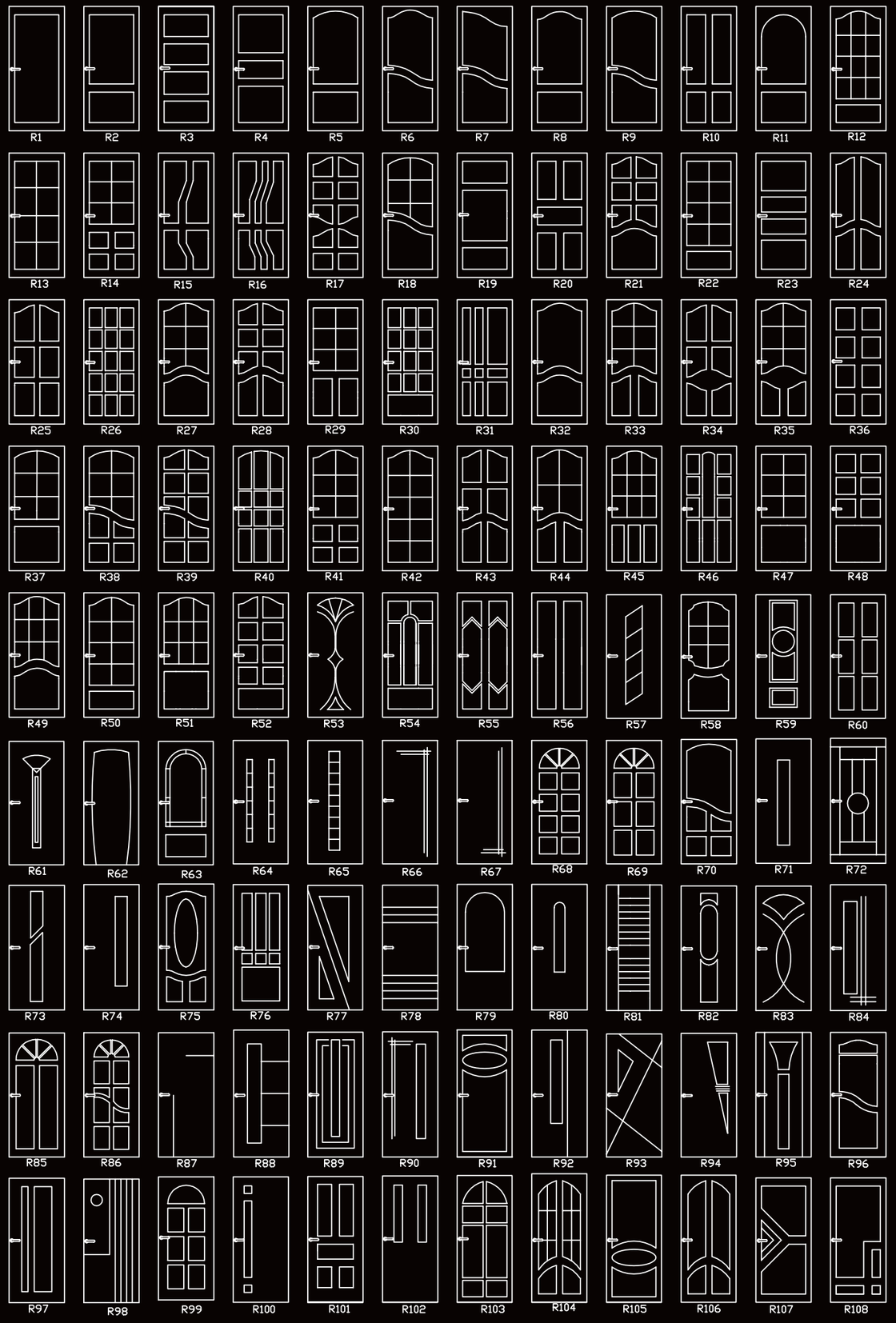


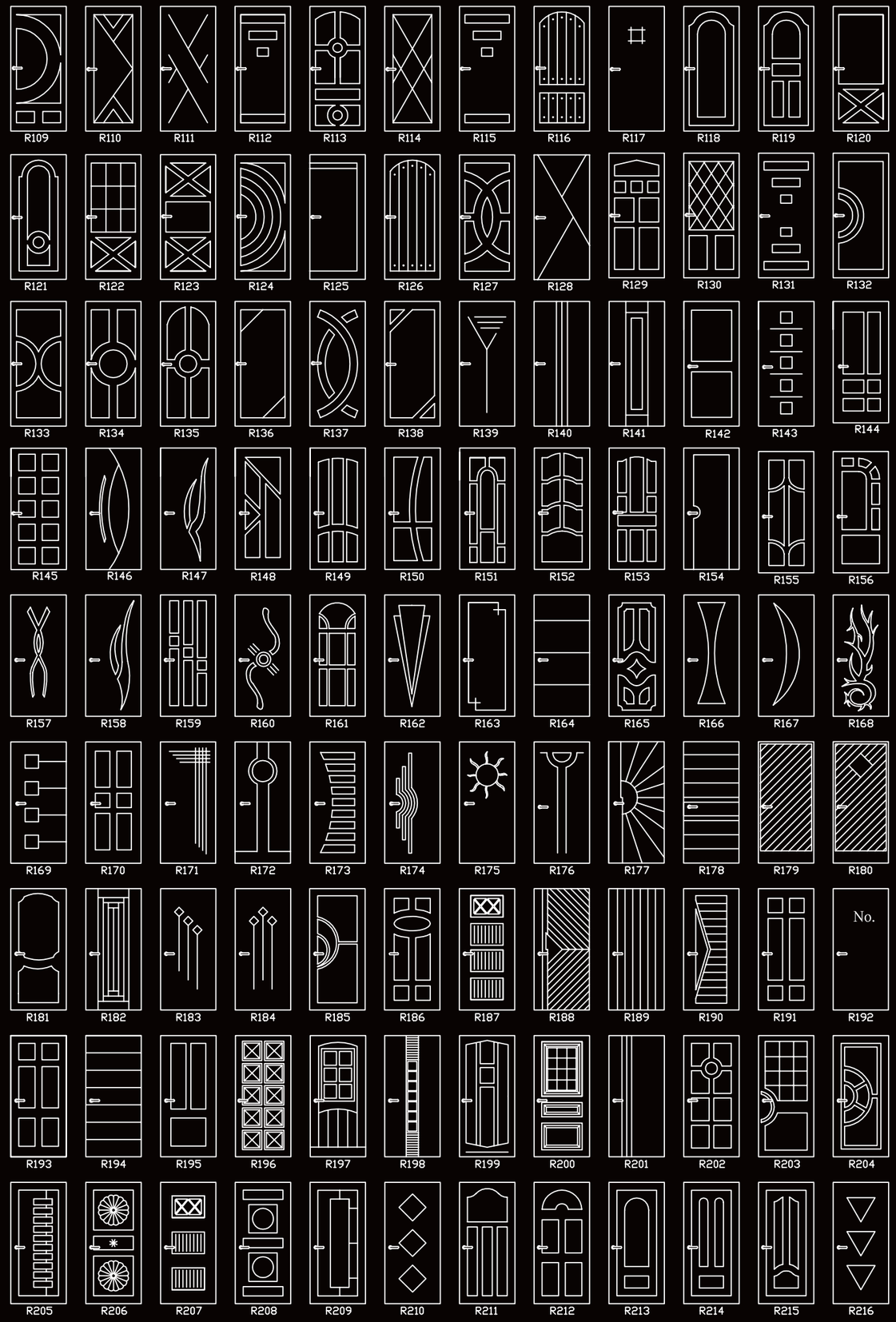









R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
R28
R29
R30
R31
R32
R33
R34
R35
R36
R37
R38
R39
R40
R41
R42
R43
R44
R45
R46
R47
R48
R49
R50
R51
R52
R53
R54
R55
R56
R57
R58
R59
R60
R61
R62
R63
R64
R65
R66
R67
R68
R69
R70
R71
R72
R73
R74
R75
R76
R77
R78
R79
R80
R81
R82
R83
R84
R85
R86
R87
R88
R89
R90
R91
R92
R93
R94
R95
R96
R97
R98
R99
R100
R101
R102
R103
R104
R105
R106
R107
R108


R109
R110
R111
R112
R113
R114
R115
R116
R117
R118
R119
R120
R121
R122
R123
R124
R125
R126
R127
R128
R129
R130
R131
R132
R133
R134
R135
R136
R137
R138
R139
R140
R141
R142
R143
R144
R145
R146
R147
R148
R149
R150
R151
R152
R153
R154
R155
R156
R157
R158
R159
R160
R161
R162
R163
R164
R165
R166
R167
R168
R169
R170
R171
R172
R173
R174
R175
R176
R177
R178
R179
R180
R181
R182
R183
R184
R185
R186
R187
R188
R189
R190
R191
No.
R192
R193
R194
R195
R196
R197
R198
R199
R200
R201
R202
R203
R204
R205
R206
R207
R208
R209
R210
R211
R212
R213
R214
R215
R216

COLOURS OF THE METAL DOOR CASING AND DOOR-LEAF



COLOURS OF DOOR DECORATION PANELS



COLOURS OF PVC FILM

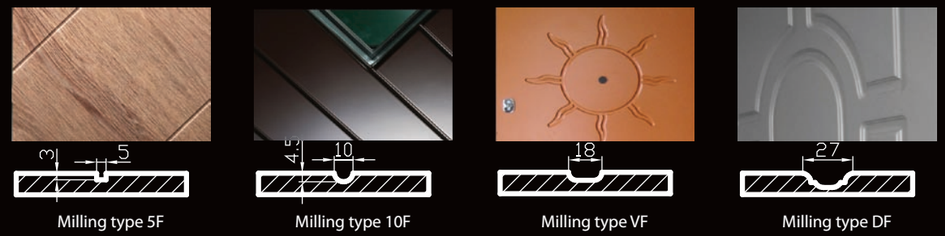


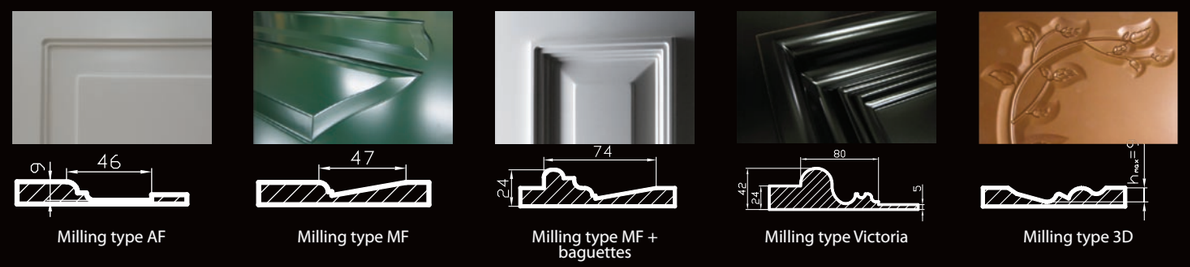
NOTE: The shades of the colours in the printed catalogue may slightly differ from the original ones in RAL, WRB or PVC catalogue. Please, refer to the original RAL, WRB or PVC catalogue.

COLOURS OF WRB DOOR DECORATION PANELS



DOOR MILLING TYPES



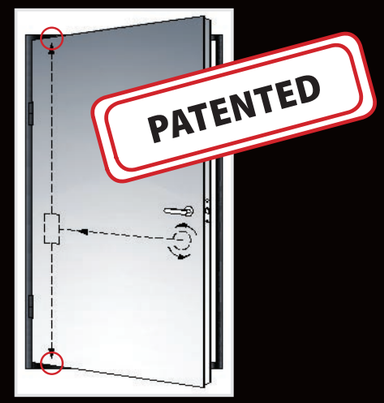


PATENTED DEVICE – “SECRET DOOR CHAIN”

“Secret door chain” is a device for door protection that allows safely opening the door a little and prevents unwanted break-in. You will be able to open the door to talk or take your mail and not be afraid that someone will break an entry.

Advantages of the “secret door chain”:

- Withholds the load up to 530 kg (tested in VGTU laboratory, Lithuania).
- Invisible and inaccessible from the outside, therefore impossible to cut with any tools in attempt to break in through the opened door.
- Fixed in two points – top and bottom of the door frame (on the side of hinges). It provides double strength.
- Can be locked or unlocked only when the door is completely shut.
- Does not impair the view of the door.



SKYDAS PREMIUM

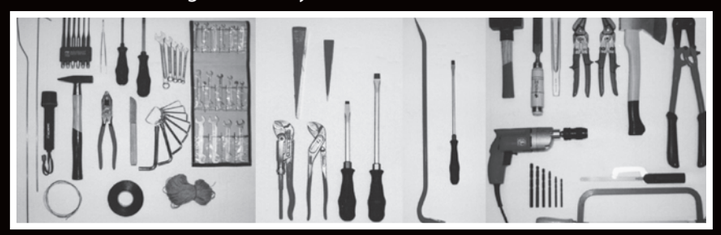
Burglary resistance class 4 (RC4) by EN 1627:2011

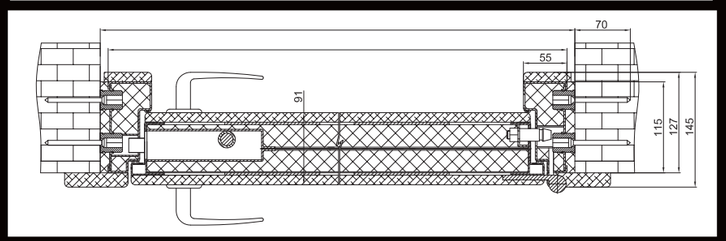






Tools used for testing 4th security class doors.





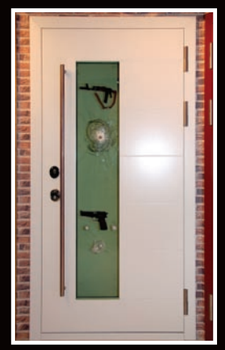
FOR MAXIMUM SECURITY

SKYDAS PREMIUM is our best burglar resistant door. Their unique and patented construction was created applying the knowledge of our company on all possible ways and methods of burglary. We are proud that in the notified laboratory IFT Rosenheim, Germany, the testers tried to break this door continuously for 77 minutes using various crowbars, hammering, cutting and drilling tools but were not able to break them!

After these tests, the door SKYDAS PREMIUM was awarded the 4th security class (RC4 according to EN 1627:2011 standard). At least one of the locks installed in this door model must be no lower than 7th security class. SKYDAS PREMIUM is distinguished by excellent sound insulation (45 dB) and protects against fire for as long as 45 minutes (EI45).

SKYDAS PREMIUM FB4 is a bullet-proof version of the door, which was tested in Germany, Beschussamtes Ulm laboratory according to the standard EN1522. Awarded level of bullet resistance is FB4 (resistant to 9 mm handgun shots). The door can be single, double, and with a bullet-proof glass.

SKYDAS PREMIUM is suitable both for an apartment and private house (using the materials suitable for the outdoor conditions). The door can be single or double, opened inwards or outwards.





Structural features of resistance:

1. *The armoured lock is protected by 2 drilling resistant manganese plates.*
2. *The bodies of the main and additional locks are installed in protective steel boxes.*
3. *Higher security hinges have height adjustment mechanisms.*
4. *On the hinge side, there are eight 16mm diameter locking points.*
5. *On the lock side, there are six locking points and 2 additional points directed upwards and downwards. A separate protective sleeve secures each lock pin in the door frame.*
6. *The door leaf is of a combined structure: grating, steel sheet and grating again, so even if the outside grating was damaged, the door is still protected by the steel plate and inside grating.*
7. *Double thermal insulation: a 3 cm layer of rock wool on both sides of the steel sheet. It provides excellent noise and thermal insulation for the door.*
8. *The entire ultra strong structure of the door is covered by finishing board whose colour and design can be customized.*
9. *The lock pins are protected against damage not by steel sheet, but by a 15 mm thick bent profile.*
10. ***The frame is fixed in the opening by 17 pins, protected by steel liners of 24 mm.***

Rating of sound insulation	45 dB Rw (C;Ctr)
Rating of thermal transmittance	1.5 W/(m²K)
Identification of burglar resistance	EN 1627:2011 RC4 4 class
Resistance to repeated opening and closing	200 000 cycles
Identification of fire resistance (optional)	EI 45
Bullet resistance	FB 4
Identification of resistance to wind load	C3 class
Measurement of air permeability	3 class
Identification of water tightness	1A class













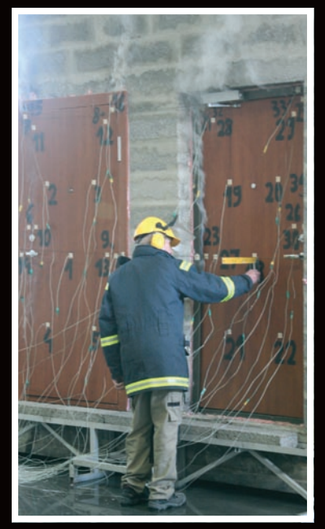


SKYDAS STANDART 3

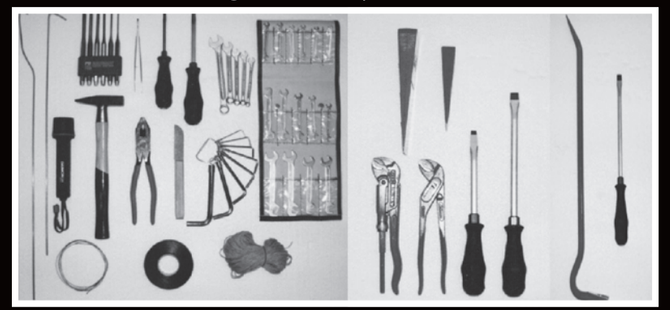
Burglary resistance class 3 (RC3) by EN 1627:2011

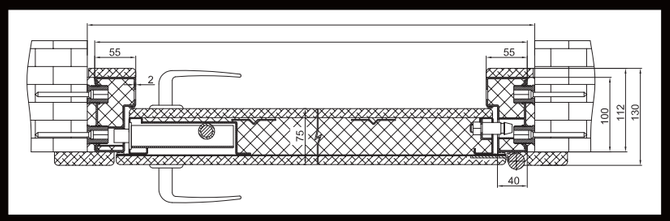
FOR HIGH SECURITY





Tools used for testing 3rd security class doors.





It is burglar resistant door that will protect from a skilled burglar using heavy-duty burglary tools. It's construction was created applying the knowledge of all possible ways and methods of burglary. Burglar resistance of the security door SKYDAS STANDART 3 was tested and approved by the laboratory IFT Rosenheim, Germany, and was awarded the 3rd security class (RC3) according to the newest EN 1627:2011 standard. One of the locks installed in this door model must be no lower than 5th security class. SKYDAS STANDART 3 is distinguished by excellent sound and thermal insulation and therefore is suitable both for apartments and private houses (using the materials suitable for the outdoor conditions).

NEW! Now this door model can be SMOKE RESISTANT (Sm).





Rating of sound insulation	41 dB Rw (C;Ctr)
Rating of thermal transmittance	1.5 W/(m²K)
Identification of burglar resistance	EN 1627:2011 RC3 3 class
Resistance to repeated opening and closing	200 000 cycles
Identification of resistance to wind load	C3 class
Measurement of air permeability	3 class
Identification of water tightness	2A class
Identification of mechanical strength and rigidity	4 class
Identification of fire resistance (optional)	EI 45
Identification of smoke resistance (optional)	Sm

SKYDAS STANDART 2

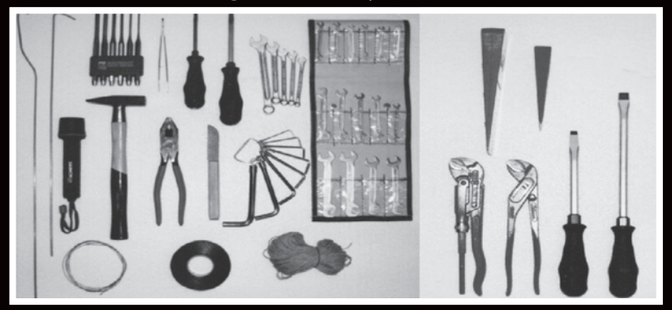
Burglary resistance class 2 (RC2) by EN 1627:2011

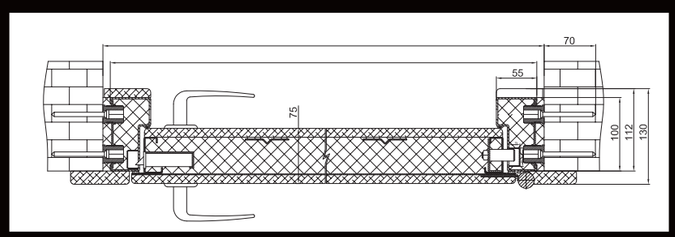
FOR INCREASED SECURITY





Tools used for testing 2nd security class doors.





It is burglar resistant door that protects from the burglar using basic burglary tools. Burglar resistance of the security door SKYDAS STANDART 2 was tested and approved by the laboratory IFT Rosenheim, Germany, and was awarded the 2nd security class (RC2) according to the newest EN 1627:2011 standard. At least one of the locks installed in this door model must be no lower than 3rd security class. SKYDAS STANDART 2 is distinguished by excellent sound and thermal insulation and therefore is suitable both for apartments and private houses (using the materials suitable for the outdoor conditions). The door SKYDAS STANDART 2 can be fire resistant and opened inwards or outwards.

NEW! Now this door model can be SMOKE RESISTANT (Sm).



Rating of sound insulation	41 dB Rw (C;Ctr)
Rating of thermal transmittance	1.5 W/(m²K)
Identification of burglar resistance	EN 1627:2011 RC2 2 class
Resistance to repeated opening and closing	200 000 cycles
Identification of resistance to wind load	C3 class
Measurement of air permeability	3 class
Identification of water tightness	2A class
Identification of mechanical strength and rigidity	4 class
Identification of fire resistance (optional)	EI 45
Identification of smoke resistance (optional)	Sm

SKYDAS STANDART

FOR BASIC SECURITY





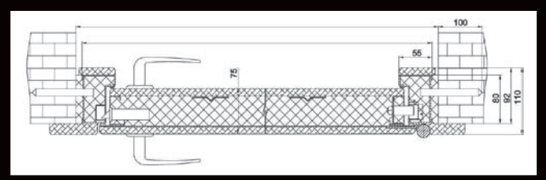
If you want to enjoy warm, tight and safe armoured door, SKYDAS STANDART is the right choice for you! Design possibilities meeting most elaborate requests, thoroughly thought-out construction, and especially competitive price helped these doors to win the favour of our customers.

SKYDAS STANDART is a unique and economical model of armoured door SKYDAS, characteristic of bent metal constructions providing good sound and heat insulation and therefore, suitable both for apartments and private houses (using the materials suitable for outdoor conditions). The door can be non-standard and fire resistant.

NEW! Now this door model can be SMOKE RESISTANT (Sm).

Rating of sound insulation	41 dB Rw (C;Ctr)
Rating of thermal transmittance	1,3 W/(m²K)
Identification of burglar resistance	EN 1627:2011 RC2 2 class
Resistance to repeated opening and closing	100 000 cycles
Identification of resistance to wind load	C5 class
Measurement of air permeability	4 class
Identification of water tightness	6A class
Identification of mechanical strength and rigidity	4 class
Identification of fire resistance (optional)	EI45
Identification of smoke resistance (optional)	Sm





SKYDAS 2000

DESIGNED FOR OUTDOOR CONDITIONS



If you wish to enjoy warmth and security of your home without seeing frosted, leaky and deformed door due to temperature changes - the new SKYDAS 2000 is the right choice for you!

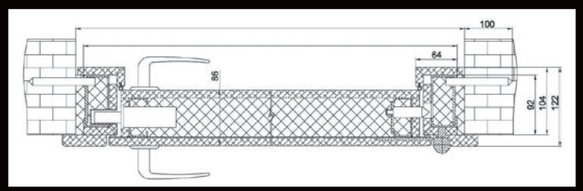
The door is a combination of metal and wood; metal provides strength and wood – non-permeability to cold. The fi nish of SKYDAS 2000 is made of impregnated Belgian UMIDAX HLS wood fi berboard or Water Resistant Board (WRB) made of natural hardwood veneers (okoume). The UMIDAX HLS board is painted in high-quality polyurethane paint that does not fade for many years. The door frame and the metal structure of the leaf edge are also covered in UMIDAX-HLS board or WRB, thus the cold bridge is eliminated and the appearance of the door is especially aesthetic.

The door SKYDAS 2000 can be non-standard and of limitless design.

SKYDAS 2000 has very high characteristics of noise (42 dB) and heat (1,2 W/(m²K)) insulation and therefore, is a perfect solution for private



Rating of sound insulation	42 dB Rw (C;Ctr)
Rating of thermal transmittance	1,2 W/(m²K)
Resistance to repeated opening and closing	100 000 cycles
Identification of resistance to wind load	C5 class
Measurement of air permeability	3 class
Identification of water tightness	6A class
Identification of mechanical strength and rigidity	4 class

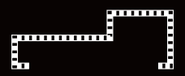


TECHNICAL DATA

THE THRESHOLD

The threshold can be made of steel, stainless steel and solid oak.

SHAPES OF THRESHOLDS



"L" SHAPE. Recommended for the outwards opening door used under outside conditions where especial tightness, sound and heat insulation is needed.



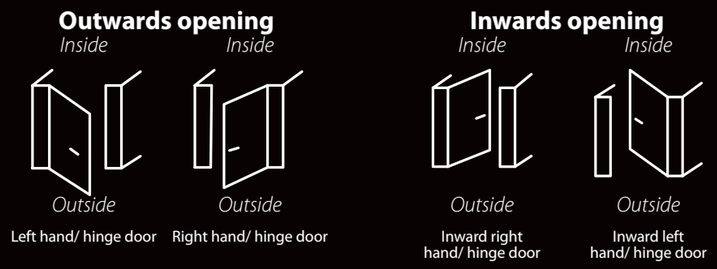
RECTANGULAR threshold. 20 mm of height threshold is suitable for the doors of various purposes, including doors installed in the premises for disabled based on the EU regulations.



SLOPING threshold for the inwards opening doors. When the doors are used under outside conditions, we recommend using the peak from the rain and the down sliding seal (automatic threshold) to increase the tightness of the doors.

WITHOUT THRESHOLD. Intended for the public buildings, premises for disabled, apartments.

DOOR OPENING DIRECTIONS



ANY LOCKING SOLUTIONS









SKYDAS
SECURITY DOORS

PLIENINIS SKYDAS JSC
Factory and headquarters
Kirtimų str. 57A,
Vilnius, Lithuania

Sales department
Kalvarijų str. 77,
Vilnius, Lithuania

Tel. +370 5 232 6647
Fax +370 5 232 5741

E-mail marketing@door.lt
www.door.lt | www.skydas.eu

Contact us and we will
gladly assist you
in reaching our nearest distributor.

SHIELD
FRONT DOORS

SKYDAS brand name in UK is
SHIELD FRONT DOORS

4a Pop In Business Centre,
South Way, Wembley
HA9 0HF, London, UK
Tel. +44 20 8795 3178
info@shieldfrontdoors.co.uk
www.shieldfrontdoors.co.uk

SKYDAS NEDERLAND
Veiligheidsdeuren,
beveiligingsdeur op maat.

Showroom en kantoor:
Transportweg 14b
7007CN Doetinchem
Bezoek op afspraak.
Tel. 0314-393666
info@skydas.nl
www.skydas.nl

SKYDAS South Africa
SKYDAS (PTY) LTD

Unit 8, Hole in the Wall,
93 Main Road,
Somerset West, 7130
Tel.: 021 852 6796
Tel.: 079 409 8018
Fax: 086 6108 294
info@skydas.co.za
www.skydas.co.za